



FIGURE S7.—IBD tracts in the HLA region. (A) Segments on chromosome 6 that are shared IBD between pairs of individuals among the HapMap phase 3 CEPH individuals. Tracts were inferred when the posterior probabilities for IBD sharing for a pair of individuals were larger than 0.95. (B) Segments in the HLA region that are shared IBD between pairs of individuals among the HapMap phase 3 CEPH individuals (sorted by start position). (C) Length distribution of the segments shared IBD among the HapMap phase 3 CEPH individuals in the area surrounding the peak. Note that for better resolution the lengths of the three extremely long tracts seen in A are not included here. These three long tracts have lengths 29.6, 29.8 and 96.0. They belong to several unreported avuncular pairs and a sib pair present in the data.